Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **380** **Const Calendar Day:** 98 **Date:** **10-Sep-2012** **Monday**
Inspector Name: **Wright, Doug** **Title:** **Transportation Engineer**
Inspection Type: No Inspection
Shift Hours: 06:30 AM 05:00 PM **Break:** 00:30 **Over Time:** 02:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** **12 PM** **4PM**
Precipitation **Condition**

Working Day ☑ If no, explain:

Diary: Dispute ☐

Phase 1 Load Transfer

Overview of Cable work today:
The following work was ongoing today on the Cable:
- Phase-1 load transfer (LT) step 1h was completed
- Re-tensioning of cable band (CB) bolts
- Measuring of CB bolts with extensometer to determine bolt elongations

I was measuring CB bolt elongations with the extensometer today with Alex Schmitt, Matt Bruce, & John Lyons. See the diary of others for the suspender jacking & cable band bolt tensioning.

- I arrived at the pier 7 office at 06:30, & was on the bridge at 06:45.
- From 07:00 until 07:15, we measured the standard bar with the extensometer.
- From 07:30 until 08:30, we measured CB bolts with the extensometer on the South main-span. We measured PPs 88S, 90S, 92S, 94S, 96S, & 100S. These measurements were taken just prior to the iron-workers tensioning the bolts at these CBs.
- From 08:30 until 09:45, we measured CB bolts with the extensometer on the North main-span. We measured PPs 82N, 90N, 92N, & 94N. These bolts were tensioned on Friday, & we took these measurements to check how much elongation the bolts have lost over the weekend. Also, we measured the CB bolts at PPs 50N, 58N, & 70N since these PPs are already loaded during step 1 of LT.
- From 09:45 until 10:00, we re-measured the standard bar to check that the extensometer was still measuring consistently.
- From 10:00 until 10:30, we re-measured CB bolts with the extensometer on the South main-span. We measured PPs 88S, 90S, 92S, 94S, 96S, & 100S. These measurements were taken just AFTER to the iron-workers tensioning the bolts at these CBs.
- From 10:30 until 12:00, we measured CB bolts with the extensometer on the South side-span. We measured PPs 10S, 12S, 14S, 16S, & 18S. These measurements were taken just prior to the iron-workers tensioning the bolts at these CBs.
- From 12:00 until 12:30, we took lunch. Also, we re-measured the standard bar to check that the extensometer was still measuring consistently.
- From 12:45 until the end of the shift, we re-measured CB bolts with the extensometer on the South side-span. We measured PPs 10S, 12S, 14S, & 16S. These measurements were taken just AFTER to the iron-workers tensioning the bolts at these CBs.
- At the end of the shift, we re-measured the standard bar to check that the extensometer was still measuring consistently.
- Note: The extensometer measurements were recorded, & this data was given to Tai-Lin Liu for compilation into a tracking spreadsheet.
- At 15:20, I left the bridge.

Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 380 **Date:** 10-Sep-2012 Monday

- From 15:30 until 16:00, we met with Brian Boal to discuss the measurement data collected to date. He was comfortable with the data collected, & thought that we did not need to continuously measure the CB bolts any further at this time. As of tomorrow, we will be helping with inspection of the suspender jacking.
- From 16:00 until 16:30, I met with Roman Granados to discuss the status of the suspender jacking operation.
- From 16:30 until 17:00, I wrote my diary for the day & checked email.
.